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COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST

0.420.42

FILE 'EUROPATFULL' ENTERED AT 14:33:48 ON 20 JUN 2003 COPYRIGHT (c) 2003 WILA Verlag Muenchen -WILA)

FILE 'PATDPAFULL' ENTERED AT 14:33:48 ON 20 JUN 2003 COPYRIGHT (C) 2003 DPMA

FILE 'POTFULL' ENTERED AT 14:33:46 ON 20 JUN 2003 COPYRIGHT (C) 2003 Univentio

FILE 'RDISCLOSURE' ENTEPED AT 14:33:48 ON 20 JUN 2003 COPYRIGHT (C) 2003 Kenneth Mason Publications Ltd.

FILE 'USPATFULL' ENTERED AT 14:33:48 ON 20 JUN 2003 CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTEPED AT 14:33:48 CN 20 JUN 2003 CA INDEXING COFYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

= · s Senzaki, Toshihide/in

'IN' IS NOT A VALID FIELD CODE LI 6 SENCAKI, TOSHIHIDE/IN

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ANSWER 1 OF 6 EUROPATFULL COPYRIGHT 2003 WILA



PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

1302490 EUROPATFULL ED 20030423 EW 200316 FS OS 11A

HYDROGENATED AROMATIC OLIGOMERS AND PROCESS FOR THEIR PRODUCTION. TIEN

TIDE HYDRIERTE AROMATISCHE OLIGOMERE UND VERFAHREN ZU DEREN HERSTELLUNG.

OLIGOMERES AROMATIQUE HYDROGENES ET LEUR PROCEDE DE FABRICATION. TIFR

SENZAKI, Toshihide, Nippon Steel Chemical Co., Ltd, 46-80,

Sakinohama, Gaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 304-8503,

IMAHURA, Takahiro, Nippon Steel Chemical Co., Ltd, 46-80, Sakinohama, Oaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JP;

SHIMICU, Takehiro, Nippon Steel Cehmical Co., LTd., 46-80, Sakinohama,

Caza Makabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JP; NAGAI, Munehito, Nippon Steel Chemical Co., Ltd., 46-80, Sakinohama,

Oata Makabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JP Nippon Steel Chemical Co., Ltd., 21-11, Nishi-gotanda 7-chome, PA

Shinagawa-ku, Tokyo 141-0031, JP

30 Wila-EPC-2003-H1€-Tla

R AT; R BE; P CH; P CY; P DE; R DK; R ES; P FI; R FR; R GB; R GR; R IE; DS

R IT; R LI; F LU; F MC; F NL; F PT; R SE; F TR

PIT EPA1 EUFOPAEISCHE PATENTANMELLUNG (Internationale Anmeldung) A1 20030416

 $F_{i}I$ EP 1302490 OD

20030416

EP 2001-949942 20010711 AΙ

PEAI JP 2000-2000212784 20000713 WO 01-JF6017 010711 INTAKS RLI WO 02006365 020124 INTPIR

 ${\tt I} \subset$ ICM 0096014-04 ICS C09L061-34

Ll ANSWER 2 OF 6 EUROFATFULL COPYRIGHT 2003 WILA

Full Text

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

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EUROPATFULL ED 20020304 EW 200208 FS OS
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       PROCESS FOR THE PUPIFICATION OF ARCMATIC HYDROCARBONS AND PROCESS FOR
TIEN
       THE PREPARATION OF HIGH-PURITY AROMATIC HYDROCARBONS.
       VEFFAHREN DUR REINIGUNG VON ARONATISCHEN KOHLENWASSERSTOFFEN UND
TIDE
       VEFFAHREN DUF HERSTELLUNG VON HOCHREINEN AROMATISCHEN
       KOHLENWASSEPSTOFFEN.
       PROCEDE POUR FURIFIER DES HYDROCARBUPES AFOMATIQUES ET PROCEDE FOUR
TIFR
       PREPARER DES HYDFOCAPBURES ARCMATIQUES TRES PURS.
       SENZAKI, Toshihide Nippon Steel Chemical Co., Ltd., 46-30,
LIT
       Sakinchama Gaza Nakabaru Tobata-ku, Kitakyushu-shi Fukubka-ken 804-8503,
       JF:
       IMAMUFA, Takahir: Nippon Steel Chemical Co., Ltd., 46-80, Sakinchama
       Oaza Makabaru Tchata-ku, Kitakwushu-shi Fukuoka-ken 804-8503, JF;
       TAKAYAMA, Takeshi Nippon Steel Chemical Co., Ltd., 45-30, Sakinchama
       Oaza Makaharu Tobata-ku, Kitakyushu-shi Pukuoka-ken 804-8503, JF;
       NOGUCHI, Katsuhide Nippon Steel Chemical Co., Ltd., 46-30, Sakinchama
       Gaza Nakabaru Tohata-ku, Kitakyushu-shi Pukuoka-ken 804-8503, JF
       Nippon Steel Chemical Co., Ltd., 21-11, Nishi-gotanda 7-chome,
PA
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       JP 1999-122671
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                               19990815
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L1 ANSWER 3 OF 5 POTFULL COPYRIGHT 2003 Univentio

Full Text

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       SENZAKI, Toshihide, c/o Research & Development Laboratories, Nippon
       Steel Chemical Co., Ltd., 46-80, Sakinohama, Oaza Nakabaru, Tobata-ku,
       Kitakyushu-shi, Fukuoka 804-8503, JP [JP, JP];
       IMAMURA, Takahiro, d/: Feseardh & Development Laboratories, Nippon Steel
       Chemidal Co., Ltd., 46-80, Sakinohama, Oaza Nakabaru, Tobata-ku,
       Kitakyushu-shi, Fukucka 304-8503, JP [JF, JP]
PA
       NIPPON STEEL CHEMICAL CO., LTD., 21-11, Nishi Gotanda 7-chome,
       Shinagawa-ku, Tokyo 141-0031, JP [JP, JF], for all designates States
       except US;
       SENZAKI, Toshihide, c'o Research & Development Laboratories, Nippon
       Steel Chemical Co., Ltd., 46-90, Sakinohama, Oaza Nakaharu, Tobata-ku,
       Kitakyushu-shi, Fukucka 804-8503, JP [JF, JP], for US only; IMWMURA, Takahira, c/c Fesearch & Development Laboratories, Nippon Steel
       Chemical Co., Ltd., 46-90, Sakinohama, Gana Makabaru, Tobata-ku,
       Kitakyushu-shi, Fukucka 804-3503, JP [JP, JP], for US only
       NARUSE, Katsub, 5th floor, Central Shinbashi Bldg., 11-5,
AG
       Nishi-shinkashi 2-thome, Minato-ku, Tokyo 105-0003, JP
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        2002006365 PCTFULL ED 20020814
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III
        SENZAKI, Toshihide;
        IMAMURA, Takahiro;
        SHIMICU, Takehiro;
        NAGAI, Hunehito
PA
       MIPPON STEEL CHEMICAL CO., LTD.;
       SENDAKI, Toshihide;
IMAMUFA, Takahiro;
SHIMIZU, Takehiro;
       NAGAI, Munehito
DT
        Patient
       WO 2002006365
                             Al 20020124
PΙ
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                    FT SE TP.
                             A 20010711
       WO 2001-JP6017
ΑÍ
PFAI
       JP 2000-2000-212784
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        2001016199 PCTFULL ED 20020828
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       AROMATIC OLIGOMER AND USE THEREOF
TIEN
TIFR
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       NIPPON STEEL CHEMICAL CO., LTD.:
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       IMAMURA, Takahiro;
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   Text
       2000066521 POTFULL ED 20020515
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TIEN
       PROCESS FOR THE PURIFICATION OF AROMATIC HYDROCARBONS AND PROCESS FOR
       THE PREPARATION OF HIGH-PURITY AROMATIC HYDROCARBONS
       PROCEDE POUR PURIFIER DES HYDROCARBURES AROMATIQUES ET PROCEDE POUR
TIFR
       PREPARER LES HYDROCARBUPES AROMATIQUES TRES FUES
       SENZAKI, Toshihide;;
III
       IMAMUFA, Takahiro;;
       TAKAYAMA, Takeshi;;
       MOGUCHI, Katsuhide;
       MIPPON STEEL CHEMICAL CO., LTD.;
PA
       SENCAKI, Toshihide;;
       IMAMUPA, Takahiro;;
       TAFAYAMA, Takeshi;;
       MOGUCHI, Hatsuhide;
       Japanese
LA
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       WO 0000068521
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D:S
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       WO _000-JE2798
                            A 20000427
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          1939-11/122671
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       A01N027-00; 011B009-00
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LC
            27 AFOMATIC OLIGOMER# AND (NAPHTHALENE OF ACENAPHTHENE OF FLUORENE
               OF AUTHRACENE OF PHENANTHRENE OF PYRENE OF BENZOTHIOPHENE OF
               FLUOPAUTHENE) AND (PHENOL# OR ALKYLPHENOL#) AND (FORMALIN OR
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= s 12 and softening point#
             6 L2 AND SOFTENING POINT#
L3
=> d 13 1-6
     ANSWER 1 OF 6 EUROPATFULL COPYRIGHT 2003 WILA
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PATENT APPLICATION + PATENTANMELDUNG - DEMANDE DE BREVET
       1302490 EUROPATFULL EI 20030423 EW 200316 FS OS
TIEN
       HYPFOGENATED AROMATIC OLIGOMERS AND PROCESS FOR THEIR PRODUCTION.
       HYDRIERTE ARGMATISCHE GLIGOMERE UND VERFAHREN ZU DEREN HERSTELLUNG.
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TIFR
111
       SENCARI, Toshihide, Nippon Steel Chemical Co., Ltd, 46-80, Sakınchama,
       Oaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JP;
       IMAMUPA, Takahiro, Nipron Steel Chemical Co., Ltd, 46-80, Sakinohama,
       Oaca Nakaharu, Tihata-ku, Kitakyuahu-shi, Fukutka 804-8503, JF;
       SHIMICU, Takehiro, Nippon Steel Cehmical Co., LTd., 46-80, Sakinchama,
       Gaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukucka 804-8503, JF;
      MAGAI, Munehitc, Nippon Steel Chemical Co., Ltd., 46-80, Sakinchama,
       Oaca Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukubka 804 8503, JF
```

Nippon Steel Chemical Co., Ltd., 21-11, Nishi-gotanda 7-chome,

PA

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Shinagawa-ku, Tokyo 141-0031, JP
        Wila-EP2-2003-H16-T1a
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                              Al 20030416
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        EP 1301403
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RLI
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                            02)124 INTENR
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T.C.
        ICS C03L061-34
      ANSWER 2 OF 6 USPATFULL
 1.3
           References
AH
        3003:100346 USPATFULL
TΙ
        Aromatic oligomer, phenolic resin composition containing the same,
        and epoxy resin composition and cured product obtained therefrom
III
        Kaji, Masashi, Fukuoka, JAPAN
        Yonekura, Kiyokazu, Fukubka, JAPAN
        <u>US_2003067357</u>
                           A1
Ε·Ι
                                 20030410
        US 2002-257)53
WG 2001-JP3)72
ĀΙ
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                                 20021003 (10)
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\Gamma_{1}\Gamma_{2}
ES
        AFFLICATION
LM.CNT 634
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INCL
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
1.3
     ANSWER 3 OF 6 USPATFULL
          References
   Full
Text
AtI
        88:24476 USPATFULL
ΤI
       Aromatic oligomers and resins
111
        Jones, Michael E. B., Chester, England
        Imperial Chemical Industries plc, United States (non-U.S. corporation)
PΑ
ΡI
       US 4739030
                                 19880419
       US 1937-31797
ΑI
                                 19870330 (7)
       Division of Ser. No. US 1986-863417, filed on 15 May 1986, now patented,
FLI
       Pat. No. US 4673725 Which is a division of Ser. No. US 1985-725347,
        filed on 19 Apr 1935, now patented, Pat. No. US 4599373 which is a
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       Pat. No. US 4530992
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       GB 1982-34715
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FS
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LN.CNT 1489
INCL
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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L3 ANSWER 4 OF 6 USPATFULL

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Full
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M
        87:43405 USPATFULL
ΤI
        Process for the preparation of aromatic oligomers
III
        Jones, Michael E. B., Chester, England
PA
        Imperial Chemical Industries PLC, London, England (non-U.S. corporation)
₽I
        US 4673725
                                 19870616
        US 1926-863417
                                 19860515 (6)
AΙ
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        528/232; 528/240-241; 528/265-266; 528/269
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 5 OF 6 USPATFULL
    Full
             mildle i
          kefererices
   Text
        86:76667 USPATFULL
A11
ΤI
       Aromatic oligomers and resins
        Jones, Michael E. B., Chester, England
III
        Imperial Chemical Industries PLC, London, England (non-U.S. corporation)
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        US 4599373
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CAS INDEMING IS AVAILABLE FOR THIS PATENT.
     ANSWER 6 OF 6 USPATFULL
            Full
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       85:43295 USPATFULL
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TI
IIT
       Jones, Michael E. B., Chester, England
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       US 4530992
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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